

### **AMENDMENTS TO THE CLAIMS:**

Please amend the claims as follows:

1. (Currently Amended) A thermoprocessable polymeric composition comprising ethylene/chlorotrifluoroethylene copolymers containing from 0.5 to 20% by moles of ethylene, optionally in combination with the chlorotrifluoroethylene homopolymer, wherein the composition contains in total from 90 to 99.5% by moles of chlorotrifluoroethylene and from 0.5 to 10% by moles of ethylene; said polymeric composition having a second melting temperature ( $T_{mII}$ ) higher than 185°C, ~~preferably higher than 200°C.~~

2. (Currently Amended) A composition according to claim 1, containing in total from 1 to 6% by moles of ethylene, ~~preferably from 1 to 5% by moles.~~

3. (Currently Amended) A composition according to claim 1, having a Melt Flow Index (M.I.) higher than 0.5 g/10', ~~preferably higher than 2.0 g/10'.~~

4. (Previously Presented) Compositions according to claim 1, comprising a nucleating agent.

5. (Currently Amended) Foamable compositions ~~according to claim 1~~  
of claim 4 consisting essentially of:

A) 50-99.9% by weight, preferably 70-95%, of the thermoprocessable polymeric composition;

B) 0.1-50% by weight of a nucleating agent, in the form of ~~under~~ fine powder, having an average particle size lower than 50 micron, ~~preferably lower than 20 micron,~~ and a melting temperature higher than 250°C.

6. (Currently Amended) Foamable compositions according to claim 4, wherein the nucleating agent is selected from the group consisting of ~~between the~~ tetrafluoroethylene homopolymer (PTFE) or its copolymers having second melting temperatures higher than 250°C.

7. (Currently Amended) Foamable compositions according to claim ~~[[1]]~~ 5, wherein the nucleating agent B) is the tetrafluoroethylene homopolymer (PTFE) having a number average molecular weight lower than 1,000,000, ~~preferably lower than 500,000.~~

8. (Original) Foamable compositions according to claim 6, wherein the TFE copolymers are selected from the TFE copolymers with perfluoroalkylvinylethers wherein the alkyl is a C1-C3, TFE copolymers with perfluorodioxoles, or TFE copolymers with hexafluoropropene (FEP), optionally containing perfluoroalkylvinylethers from 1 to 3 carbon atoms.

9. (Currently Amended) Foamable compositions according to claim ~~[[4]]~~ 5, wherein the nucleating agent B) is a polytetrafluoroethylene (PTFE) irradiated with gamma rays or electron beam.

10. (Currently Amended) Compositions according to claims 4-9, wherein the nucleating agent is used in an amount from 5 to 30% by weight, ~~more preferably from 10 to 20%.~~

11. (Currently Amended) Foamed molded articles and foamed coatings of electrical cables ~~obtainable~~ comprising the compositions according to claim 4.

12. (Currently Amended) A process to prepare the composition according to claim 1 by emulsion copolymerization of ethylene with chlorotrifluoroethylene (CTFE) ~~wherein all the CTFE is first~~ comprising firstly charged charging all the CTFE in the reactor, continuously feeding the ethylene until a partial CTFE conversion, ~~preferably from 40 to 80% by weight~~, then by interrupting the ethylene feeding and continuing the polymerization until a substantial CTFE conversion.

13. (New) The thermoprocessable polymeric composition of claim 1 wherein said polymeric composition has a second melting temperature ( $T_{mII}$ ) higher than 200°C.

14. (New) The composition of claim 2, containing in total from 1 to 6% by moles of ethylene.

15. (New) The composition according to claim 3, having a Melt Flow Index (M.I.) measured according ASTH D1238 with a 10 kg load higher than 2.0 g/10'.

16. (New) Foamable compositions according to claim 7, wherein the nucleating agent B) is the tetrafluoroethylene homopolymer (PTFE) having a number average molecular weight lower than 500,000.

17. (New) Compositions according to claim 10, wherein the nucleating agent is used in an amount from 10 to 20% by weight.